

What is claimed is:

1. A spreader system without electric cables comprises a spreader for lifting goods containers, a headblock, and two pulley sets installed on the headblock respectively, it is characterized that each pulley of the pulley sets is fitted with a geared ring, gears are fixed on the headblock, an FALK-flexible coupling is fixed on a gear shaft and is connected with a planetary speeder, at the end of which a bi-directional plunger pump is connected through a flange, a hydraulic accumulating power station is connected to the bi-directional plunger pump through a hydraulic circuit; the hydraulic accumulating power station comprises a hydraulic accumulator installed on the spreader, a nitrogen bottle connected to the hydraulic accumulator through a pipeline, an oil tank, an electric generator, a battery connected to and charged by the electric generator, and an oil motor which is connected to the electric generator and controlled by a magnetic valve; on the spreader there are a remote control transmitter and a remote control receiver in order to transmit/receive signals to/from a remote control receiver and a remote control transmitter in the cab of a container crane; while the crane hoists or its trolley moves, due to friction, the wire rope will rotate the pulley sets which will, in turn, drive the bi-directional plunger pump through the above mentioned accessories, thereby energy will be delivered from the bi-directional plunger pump to the hydraulic accumulating power station, thus an accumulative power source will form on the spreader and can be used to drive the spreader by remote control.

2. The spreader system without electric cables according to claim 1 wherein the bi-directional plunger pump is connected to the hydraulic accumulating power station by means of a bridge circuit consisting of four check valves.
3. The spreader system without electric cables according to claim 1 wherein some shock-absorbing buffers are fixed at the place where the hydraulic accumulating power station is fixed on the spreader.
4. The spreader system without electric cables according to claim 1 wherein some shock-absorbing rubber buffers are fixed on the trestles for the remote control transmitter and the remote control receiver respectively.
5. The spreader system without electric cables according to claim 1 wherein some shock-absorbing wire rope buffers are fixed on the trestles for the remote control transmitter and the remote control receiver respectively.